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Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 5

Co.	mplete if Known	
Application Number	10/647830	
Filing Date	08/25/2003	
First Named Inventor	PATEL, Arvind D.	
Art Unit	1712	
Examiner Name	RICHARD, Charles R	
Attorney Docket Number	PA-00412US	

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M	1	<sup>US-</sup> 6247543	06-19-2001	Patel et al.	
11 1	2	<sup>US-</sup> 6484821	11-26-2002	Patel et al.	
1	3	<sup>US-</sup> 6609578	08-26-2003	Patel et al.	
T	4	<sup>US-</sup> 6857485	02-22-2005	Patel et al.	
-T	5	<sup>US-</sup> 6831043	12-14-2004	Patel et al.	
	6	<sup>US-</sup> 2960464	11-15-1960	Weiss et al	
	7	US- 3123559	3-3-1964	Fischer	
	8	US- 3385789	5-28-1968	King	
	9	US- 3404165	10-01-1968	Budde, Jur. et al.	
1	10	<sup>US-</sup> 3726796	4-10-1973	Schweiger	
	11	<sup>US-</sup> 3928695	12-23-1975	Philip et al.	
7	12	<sup>US-</sup> 4148736	4-10-1979	Meister	
7	13	<sup>US-</sup> 4220585	9-02-1980	Javora et al.	
	14	<sup>US-</sup> 4366071	12-28-1982	McLaughlin et al.	
	15	US- 4366072	12-28-1982	McLaughlin et al.	
	16	<sup>US-</sup> 4366074	12-28-1982	McLaughlin et al.	
	17	<sup>US-</sup> 4383933	5-17-1983	Jenkins	
	18	<sup>US-</sup> 4435564	3-06-1984	House et al.	
1	19	<sup>US-</sup> 4440649	4-03-1984	Loftin et al.	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	۳ ا
MV	1	CA 876019	7/1971			
7/ 1	2	CA 1185779	4/1985			
1	3	CA 2088344	6/1987			Г
	4	DE 3238394	4/1984			
	5	DE 272287	10/1989			
1	6	EP 0125957	4/1984			

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/674830 Filing Date 08/25/2003 INFORMATION DISCLOSURE First Named Inventor PATEL, Arvind D. STATEMENT BY APPLICANT Art Unit 1712 (Use as many sheets as necessary) **Examiner Name** RICHARD, Charles R. Sheet 2 Attomey Docket Number PA-00412US

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MN	120	<sup>US-</sup> 4519922	5028-1985	Sutton et al.	
T	21	<sup>US-</sup> 4526693	7-02-1985	Son et al.	
VI	22	US- 4536297	8-20-1985	Loftin et al.	
	23	<sup>US-</sup> 4605772	8-12-1986	Darby et al.	
	24	US- 4637883	1-20-1987	Patel et al.	
	25	<sup>US-</sup> 4645608	2-24-1987	Raybom	
	26	<sup>US-</sup> 4666613	5-19-1987	Schapira et al.	
	27	US- 4710586 ·	12-1-1987	Patel et al.	
	28	<sup>US-</sup> 4713183	12-15-1987	Patel et al.	
	29	<sup>US-</sup> 4767549	8-30-1988	McEwen et al.	
	30	<sup>US-</sup> 4820511	4-11-1989	Hoffkee et al.	
	31	<sup>US-</sup> 4828724	5-9-1989	Davidson	
	32	<sup>US-</sup> 4828726	5-9-1989	Hines et al.	
	33	US- 4842073	6-27-1989	Himes et al.	
J	34	US- 4847342	7-11-1989	Peiffer	
	35	<sup>US-</sup> 4889645	12-26-1989	Firth et al.	
	36	<sup>US-</sup> 4913585	4-03-1990	thompson et al.	
	37	<sup>US-</sup> 4940764	7-10-1990	Meister	
	38	<sup>US-</sup> 4990270	2-5-1991	Meister	

		FORE	<b>GN PATENT DOCU</b>	MENTS		$\overline{}$
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M	7	EP 0136773	6/1984			
	8	EP 0182669	5/1986			
V	9	EP 0241340	3/1987			П
	10	EP 0330379	8/1989			
	11	GB 2164370	3/1986			
	12	GB 2175291	11/1986			

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Attorney Docket Number

Sheet 3

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			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (4 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M	39	<sup>US-</sup> 5026490	6-25-1991	Peiffer et al.	
<del>//                                    </del>	40	<sup>US-</sup> 5066753	11-19-1991	Peiffer et al.	
$\Pi T$	41	<sup>US-</sup> 5089151	2-18-1992	Hall et al.	
	42	<sup>US-</sup> 5097904	3-24-1992	Himes	
	43	<sup>US-</sup> 5099923	3-31-1992	Aften et al.	
	44	<sup>US-</sup> 5149690	9-22-1992	Patel et al.	
	45	<sup>US-</sup> 5211250	5-18-1993	Kubena, Jr. et al.	
	46	US- 5260268	11-9-1993	Forsberg et al.	
	47	<sup>US-</sup> 5350740	9-27-1994	Patel et al.	
	48	<sup>US-</sup> 5380706	1-10-1995	Himes et al.	
	49	US- 5424284	6-13-1995	Patel et al.	
	50	<sup>US-</sup> 5558171	9-24-1996	McGlothlin et al.	
	51	<sup>US-</sup> 5593952	1-14-1997	Jarrett	
	52	US- 5741758	4-21-1998	Pakulski	
	53	US- 5771971	6-30-1998	Horton et al.	
	54	US- 5908814	6-01-1999	Patel et al.	
	55	<sup>US-</sup> 6054416	4-25-2000	Bland	
	56	<sup>US-</sup> 6103671	8-15-2000	Dobson et al.	
	57	<sup>US-</sup> 4374739	2-22-1983	McLaughlin et al.	

			FORE	IGN PATENT DOCU	MENTS		
	Examiner   Cite   Foreign Patent Document   No.		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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М		13	RU 486128	1/1976			
71	$\mathcal{T}$	14	RU 1320220	6/1987			
V	T	15	WO 88/07499	10/1988			
	T	16	WO 90/07337	7/1990			
		17	EP 0634468	1/1995			
		18	EP 0838514	4/1998			

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Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NAM	58	<sup>US-</sup> 5330662	7-19-1994	Jahnke et al.	
11.1	59	<sup>US-</sup> 3852201	12-03-1974	Jackson	
UT	60	<sup>US-</sup> 3956141	5-11-1976	Walker	
	61	<sup>US-</sup> 4792412	12-20-1998	Heilweil	
	62	<sup>US-</sup> 4942929	7-24-1990	Malachosky et al.	
	63	<sup>US-</sup> 5129469	7-14-1992	Jackson	
	64	US- 5226742	7-13-1993	Perkins	
	65	<sup>US-</sup> 5310285	5-10-1994	Northcut	
	66	<sup>US-</sup> 5314265	5-24-1994	Perkins et al.	
	67	<sup>US-</sup> 533912	8/1994	Hosie et al.	
	68	<sup>US-</sup> 5358049	10-25-1994	Hale et al.	
	69	<sup>US-</sup> 5405223	4-11-1995	Sirevag	
	70	<sup>US-</sup> 5405224	4-11-1995	Aubert et al.	
	71	<sup>US-</sup> 5480863	1-02-1996	Oakley et al.	•
T	72	<sup>US-</sup> 5558161	9-24-1996	Vitthal et al.	
	73	US- 5589603	12-31-1996	Alexander et al.	
	74	<sup>US-</sup> 5593952	1-14-1997	Jarrett	
	75	<sup>US-</sup> 5662169	9-02-1997	Hosie	
	76	<sup>US-</sup> 5789352	804-1998	Carpenter et al.	

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			Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
1X	M	19	WO 93/02151	2/1993			
141	I	20	WO 01/59028	8/2001			
$\Box \Box$		21	WO 02/38697	5/2002			
		22	WO 02/102922	12/2002			
		23	WO99/09109	02/1999			
		24,	WO99/660066	12/1999			

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MV	77	<sup>US-</sup> 5804535	9-08-1998	Dobson et al.	
	78	<sup>US-</sup> 5961438	10-05-1999	Ballantine et al.	
1	79	US- 6063737	5-16-2000	Haberman et al.	
	80	<sup>US-</sup> 6106733	8-22-2000	Wood	
	81	<sup>US-</sup> 6119779	9-19-2000	Gipson et al.	
	82	US- 6124244	9-26-2000	Murphy	
	83	US- 6213213	4-10-2000	van Batenburg et al.	
	84	US- 2470831	5-24-1949	Monson	
	85	US- 5427999	6-27-1995	Clewlow et al.	
	86	US- 5635458	6-3-1997	Lee	
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